

White Elastomeric Roof Coatings

The Potential to Reduce Energy Costs While Extending the Useful Life of Your Roof





White Elastomeric Coatings

The Intelligent Choice for Premium Roof Protection

Cool roof reflective coatings protect your roof from deterioration caused by heat absorption and UV radiation due to the sun. White elastomeric coatings provide a highly reflective, seamless barrier against corrosive elements that lead to moisture penetration and damaging leaks. When installed, white elastomeric coatings will provide roof protection and can avoid costly roof replacements.

Polyglass' premium white elastomeric coatings are part of its Kool Roof Solutions™ - offering you long-term solutions to help keep your building cool and are kind to the environment:

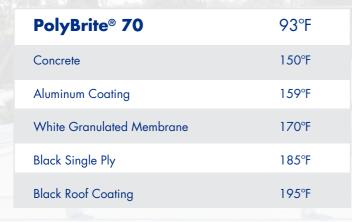
- Polyglass' PolyBrite® 24 offers high levels of solar reflectance and thermal emittance, is CRRC Listed, and can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements.
- Polyglass PG 700 and PolyBrite 70 are also Miami-Dade County Approved, ENERGY STAR® Certified and meet or exceed the requirements of ASTM D6083 Standard Specification for Liquid-Applied Acrylic Coating Used in Roofing.
- Above all, PolyBrite 70 is UL Classified and FM Approved.

When choosing a solution to protect your roof, make the **intelligent choice** by using Polyglass' premium white elastomeric coatings as part of Polyglass' Kool Roof Solutions.



Surface Temperatures of Various Roof Surfaces:

Conditions: Ambient Temperature: 88 degrees (°F), Clear Skies, Central Florida



Cool Roof Technology
allows the building
owner to extend the
useful life of the roof
while decreasing roof
temperature.

PolyBrite® 24



Solar Reflectance Unitial O.83 Weathered 0.83 0.70 Thermal Emittance 0.88 0.88

Rated Product ID Number Licensed Seller ID Number

O Number **0616-0012**ID Number **0616**

Classification Production Line

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.

Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.

PolyBrite® 70 - PG 700



Solar Reflectance Unitial O.87 Weathered 0.75
Thermal Emittance 0.90 0.90

Rated Product ID Number

Licensed Seller ID Number

Classification

O616-0006

Production Line

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate

for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.

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Solar Reflectance Index (SRI) Initial: 110 Weathered: 93





Product	Description

PolyBrite 70	Premium Grade Bright White Coating	
PolyBrite 72	Bright White Flashing Compound	
PolyBrite 74	Light Blue Rust Inhibitor	
PolyBrite 76	Base Coat for Stain Blocking and Enhanced Standing Water Resistance	
PolyBrite 24	White Elastomeric Coating	

Product	Description
PG 700	High Quality Bright White Coating
PG 800	Asphalt Emulsion
PolyBrite Fabric	Stitchbond Polyester Fabric

^{*} For more information on Polyglass roof coatings, please contact your local Polyglass Sales Representative or visit www.polyglass.us for the latest Product Data Sheets.

Polyglass Elastomeric Reflective Coating System

Typical Application Rates

BUR/Modified:	1) PG 800 /embedded fabric / PolyBrite 72 for the details / 2 coats of PolyBrite 70 2) PolyBrite 76 /embedded fabric / PolyBrite 72 for the details / 2 coats of PolyBrite 70
Metal:	PolyBrite 72 for fasteners and seams (may require fabric) / PolyBrite 74 for rusting areas / 2 coats of PolyBrite 70
Single Ply:	2 to 3 coats of PolyBrite 70
PUF:	2 to 3 coats of PolyBrite 70



The flexibility to determine the level of protection

BUR/SBS & APP Modified

- 1) PolyBrite 72 details/2 coats of PolyBrite 24
- 2) PolyBrite 72 details/2 coats of PG 700
- 3) PG 800 Emulsion/PolyBrite 72 details/2 coats of PG 700
- 4) PG 800 Emulsion/PolyBrite 72 details/2 coats of PolyBrite 70
- 5) PG 800 Emulsion/Fabric/PolyBrite 72 details/2 coats of PG 700
- 6) PG 800 Emulsion/Fabric/PolyBrite 72 details/2 coats of PolyBrite 70

GOOD

BETTER

BEST

What makes PolyBrite 70 superior?

- Meets or exceeds the requirements of ASTM D6083 Standard Specification for Liquid-Applied Coating used in Roofing
- FM Approved
- Higher TiO2 levels and other premium filling agents
- 10+ year systems warranty available when used as an approved system

Polyglass Elastomeric Roof Coating System

- Extends the useful life of the roof
- Offers excellent resistance to extended exposure to solar ultraviolet energy
- CRRC Listed, can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements and Houston & Chicago Commercial Energy Codes
- Can reduce energy costs by decreasing roof surface temperature
- Offers high tensile strength and elongation
- Resists dirt pick-up
- Fungal and algal resistant even in high humidity conditions
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment



Product Approvals





















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